

AMERICAN ZINC PRODUCTS – RUTHERFORD COUNTY

WEEKLY ENVIRONMENTAL ACTIVITY REPORT 12/05/2021

1. PLANNED ACTIVITIES

1.1. SITE EVALUATION

- 1.1.1 Sonic Drilling began on 11/29 with 6 soil boring/monitoring well location planned. Drilling proceeded much slower than anticipated due to difficulty of drilling in bedrock. . Two locations were completed on the west side with one dry and one wells set. Two locations were completed on the east side with one well set and one dry. However, the well on the east side may not produce water. Development and sampling of these wells is planned for this week (12/7)
- 1.1.2 Bedrock samples were collected and are being analyzed for full TAL Metals analysis to assist in developing background metals numbers.
- 1.1.3 Will utilize the YSI EXO1 meters (with rhodamine sensor) to collect water quality parameters of the groundwater. This will also give a rhodamine concentration within the well, (to check for migration from the west) as well as other parameters.
- 1.1.4 This week we will also attempt to sample the west stormwater pond below all three liners.
- 1.1.5 Resampling of UT-1 is scheduled for week of 12/14/
- 1.1.6 Draft UT1 Investigation Plan is still in process
- Sample soil, bedrock, and groundwater (if present) on the northeast corner of the plant near the east ponds.
 - Install YSI EXO1 meter in UT1 and begin monitoring
 - Based on data consider another dye trace using rhodamine
 - Design LTM plan for UT1
- 1.1.6 Updated SAP underway with chronological description of field activities, results and quality assurance program implementation.
- 1.1.7 Other (correspondence, inquiries, Q & A, etc.) – nothing to report.

1.2. REMEDIATION

- 1.2.1. Liquid recovery system:
Latest log included in Attachment 2
- 1.2.2. Soil remediation:
- Further soil remediation, pending outcome of drilling campaign.
- 1.2.3. Pond repair/inspection work:
- Nothing to report.

1.2.4. UT- 4 metal removal from liquid:

- Zinc-B-gone trial unit installed and being bypassed, until permitting issue is resolved.

2. PROGRESS AGAINST PLAN

See attachment 1 (Action tracker) for details

3. GENERAL

Final draft of AOC in circulation with AZP.

4. ATTACHMENTS

1. Action tracker
2. Liquid recovery system pumping log.
3. Draft Dye Trace Map and Data
4. Angle Drilling Soil Sample Results
5. Proposed Bedrock Well Locations.